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Davis et al.

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## [54] HERMETICALLY SEALED COSMETIC COMPACT CASE

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[58] Field of Search 132/293, 294, 132/295, 296, 298, 301

## [56] References Cited

## U.S. PATENT DOCUMENTS

1,290,671	1/1919	Sherwood.	
2,094,696	10/1937	De Botelho.	
2,362,120	4/1944	De Swart .....	132/301
2,418,578	4/1947	Crane .....	132/301
3,442,414	5/1969	Pelli .....	132/301
3,788,027	1/1974	Figari.	
3,810,090	5/1974	Davis et al.	
3,919,549	11/1975	Sahores et al.	
4,018,237	4/1977	Steiman.	
4,254,775	3/1981	Langer.	
4,454,889	6/1984	Contreras, Sr. .....	132/301

4,466,196	8/1984	Woodruff.	
4,586,519	5/1986	Seidler et al. .	
4,781,288	11/1988	Wing.	
4,917,131	4/1990	Contreras .	
5,078,159	1/1992	Yuhara .....	132/301
5,107,871	4/1992	Butcher et al. .....	132/301
5,135,012	8/1992	Kamen et al. .	
5,323,794	6/1994	Favre .....	132/294
5,353,818	10/1994	Suzuki et al. .	
5,431,177	7/1995	Kecman.	
5,515,875	5/1996	Acker et al. .	
5,520,202	5/1996	Arbree .....	132/294
5,582,314	12/1996	Quinn et al. .	
5,590,024	12/1996	Honda et al. .	
5,638,838	6/1997	Lombardi .....	132/298
5,646,820	7/1997	Honda et al. .	

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## [57] ABSTRACT

A hermetically sealed compact contains a cosmetic substance. The compact includes an integral two-piece insert having a cover piece coupled to a base piece by an integral living hinge. The cover piece of the insert has a circular cavity with a pair of ridges, while the base piece has a peripheral wall that slides within a groove to form the seal. As the integral insert obtains the closed configuration, the evacuated air makes a distinctive audible sound, indicating to the user that the hermetic seal has been established.

20 Claims, 4 Drawing Sheets

